

## PATENT ABSTRACTS OF JAPAN

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### (54) FILMY PHARMACEUTICAL

#### (57)Abstract:

**PURPOSE:** The titled pharmaceutical, constituted of two layers of an adhesive layer containing pullulan and/or a derivative thereof and a drug and a nonadhesive layer, capable of adhering to mucosae and slowly releasing the contained drug and exhibiting the drug effect.

**CONSTITUTION:** A filmy pharmaceutical obtained by a method for dissolving pullulan and/or a derivative, e.g. water-soluble pullulan ether, water-soluble pullulan ester, etc., and a drug, e.g. acetaminophenone, phenacetin, aspirin, etc., plasticizer and, as necessary, various additives added thereto in a suitable solvent, extending and drying the solution to give an adhesive film layer, dissolving a water-insoluble or sparingly soluble high polymer in one surface thereof with a suitable solvent, laminating the resultant layer on the adhesive film layer and drying, etc. to afford a two-layered structure. The above-mentioned pharmaceutical is capable of suppressing the unnecessary outflow of the drug and enhancing the absorption effect from the mucosae and preventing the acceleration of dissolution.

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